

IN THE CLAIMS

Please amend claims as follows:

1 1. (Original) A folding knife light, comprising:

2 a tool;

3 a housing encasing said tool while said tool is in an inoperative position and
4 providing a handle while said tool is in a deployed position;

5 an illuminating component mounted on said housing to illuminate said tool while
6 said tool is in said deployed position;

7 a mode switch component; and

8 a blade switch component cooperating with said mode switch component, said
9 housing component, and said illuminating component to operate said illuminating
10 component.

1 2. (Currently Amended) The folding knife light of claim 1, with said housing
2 component comprises said handle accommodating a mode switch component, at least ~~one~~
3 ~~blade-switch~~ blade switch component and at least one illuminating component.

1 3. (Original) The folding knife light of claim 2, with said housing component
2 comprising at least one storage volume.

1 4. (Original) The folding knife light of claim 2, with said housing component
2 comprises at least one scale and at least one axle providing a pivot of rotation enabling
3 rotation of said tool about said pivot as said tool moves between said inoperative position
4 and said deployed position.

1 5. (Original) The folding knife light of claim 2, with said housing component
2 comprising at least one port for accommodating removable storage of any of a variety of
3 tool items selected from among a group comprised of forks, spoons, razors, picks,
4 scissors, flints, and a threaded fastener driver.

1 6. (Currently Amended) The folding knife light of claim 1, comprised of at least
2 one extra tool ~~removable~~ removably stored within said housing.

1 7. (Original) The folding knife light of claim 1, wherein said illuminating
2 component comprises at least one light emitting diode, at least one lens, and at least one
3 reflector.

1 8. (Original) The folding knife light of claim 1, wherein said illuminating
2 component comprises at least one light bulb.

1 9. (Original) The folding knife light of claim 1, wherein said illuminating

2 component comprises a pair of light bulbs, one on each side of a blade when said blade is
3 unfolded from said housing component.

1 10. (Original) The folding knife light of claim 1, wherein said blade switch
2 component comprises a first electrical switch contained in said handle and activated by
3 movement of said tool between said inoperative position and said deployed position.

1 11. (Original) The folding knife light of claim 10, with said mode switch
2 comprised of three modes:

3 an off mode wherein no electrical power is supplied to the first electrical switch
4 wherein said illuminating component remains unlit;

5 an on mode wherein said illuminating component operates independently of said
6 position; and

7 an on-by-blade mode wherein electrical power is supplied to said first electrical
8 switch and said illuminating component operates when said blade is in an open position.

1 12. (Original) The folding knife light of claim 10, with said mode switch
2 comprising a single pole, double throw, center off switch.

1 13. (Original) The folding knife light of claim 10, comprised of said first
2 electrical switch being switched on by a heel of said tool when said tool moves to said

3 deployed position and when said mode switch is in an on-by-blade position.

1 14. (Original) The folding knife light of claim 10, comprised of said first
2 electrical switch disposed to accommodate manual operation by a thumb of a user when
3 said tool is in said inoperative position.

1 15. (Original) The folding knife light of claim 10, comprised of said first
2 electrical switch mounted on said housing with an operational disposition that is switched
3 to an off position by a heel of said tool when said tool is in said inoperative position.

1 16. (Currently Amended) The folding knife light of claim 1, with said housing
2 comprising an electrical battery and electrical conductors that electrically connect said
3 battery to said illuminating component via said mode switch and said ~~first electrical~~ blade
4 switch component.

1 17. (Original) The folding knife light of claim 1, wherein said mode switch
2 component and said blade switch component comprise a switch assembly borne by one
3 end of the housing component and switched to an off position when said tool is in said
4 inoperative position, said switch assembly being switched on when said tool is in said
5 deployed position, said switch assembly being switched on by manipulation of a user
6 when said tool is in said deployed position, and said switch assembly being switched to

7 an off position with no power supplied to said illuminating component when said tool is
8 moved to said inoperative position.

1 18. (Original) The folding knife light of claim 10, with said first electrical switch
2 comprising a conductive plate fixed to said tool, and stud contacts affixed to said handle
3 cooperating with said conductive plate to complete an electrical connection from said
4 illuminating component to said mode switch when said blade is in said deployed position.
5

1 19. (Currently Amended) The ~~momentary on switch and mode switch~~ folding
2 knife light of claim 10, comprised of said ~~momentary on~~ mode blade switch and said
3 mode switch incorporated into one switch assembly at a rear end of said housing, wherein
4 said momentary on switch is switched off by said tool moving to said inoperative
5 position, and comprised of another mechanism cooperating with said switch assembly to
6 momentarily switch on said ~~momentary~~ mode switch and apply electrical power to said
7 illuminating component independent of the position of said tool.

1 20. (Currently Amended) The folding knife light of claim 19, comprising a non-
2 conductive washer under ~~said~~ a conductive plate preventing electrical contact between
3 said illuminating component and said mode switch when said blade is in a closed
4 position.

1 21. (Original) A folding knife light of claim 1, wherein said mode switch and said
2 blade switch components further comprise a momentary switch comprising a dimming
3 function and a color switching function for dimming said illuminating component and for
4 switching to another color of illumination.

1 22. (Currently Amended) A folding knife light, comprising:
2 a housing enclosing said knife light tool;
3 a knife light illuminating means for illuminating a blade area;
4 a laser light package emitting laser light pulses;
5 a toggle on switch for momentarily turning on said knife light tool illuminating
6 means;
7 a sonic alarm cooperating with said toggle on switch;
8 a mode switch for selecting a mode of operation of said knife light tool;
9 a power supply package for powering said knife light tool;
10 a switchblade mechanism for rapidly deploying a blade on said folding knife light
11 tool;
12 a pushbutton switchblade switch for initiating said deploying a blade;
13 an RF package cooperating with a MILES type training system; and
14 an elongated ergonomic handle with a hammer head at a blade end for battle
15 field use.

1 23. (Currently Amended) A folding knife light, comprising:

2 a housing enclosing ~~said a~~ knife light tool comprising a blade;

3 a knife light ~~illuminating means for illuminating~~ disposed to illuminate said a
4 blade ~~area;~~

5 a momentary on switch ~~for~~ momentarily turning on said knife light tool
6 ~~illuminating means;~~

7 a mode switch ~~for~~ selecting a mode of operation of said knife light tool;

8 a power supply package ~~for~~ powering said knife light tool;

9 a switchblade mechanism ~~for~~ rapidly deploying a said blade ~~on said folding knife~~
10 ~~light tool~~ from said housing;

11 a pushbutton switchblade switch ~~for~~ initiating said deploying a of said blade;

12 an RF package cooperating with a ~~MILES type~~ MILES training system; and

13 an elongated ergonomic handle with a hammer head at a ~~blade an~~ end ~~for battle~~
14 ~~field use~~ of said blade.

1 24. (Currently Amended) A folding knife light, comprising:

2 a housing enclosing ~~said knife light a~~ tool;

3 a knife light ~~illuminating means for illuminating a blade~~ disposed to illuminate an
4 area of said tool;

5 a toggle on switch ~~for~~ momentarily turning on said knife light tool ~~illuminating~~

means;

a mode switch ~~for selecting~~ disposed to select a mode of operation of said knife light tool;

a power supply package ~~for~~ powering said knife light tool;

a switchblade mechanism ~~for rapidly deploying a blade on~~ disposed to make a rapid deployment of said ~~folding knife light tool~~ tool from said housing;

a pushbutton switchblade switch ~~for~~ initiating said ~~deploying a blade~~ deployment of said tool; and

an elongated ergonomic handle with a hammer head at ~~a blade~~ one end ~~for battle field use~~.

25. (Original) The folding knife light of claim 21, comprising a laser light package, a sonic alarm, and an RF package cooperating with a MILES training system.

26. (Currently Amended) The folding knife light of claim ~~21~~ 24, wherein said switch blade mechanism is a push button mechanism.

27. (Currently Amended) A folding knife light, comprising:
a housing;
a quick-release ~~blade~~ mechanism triggering deployment of a tool from said housing;

5 an on-by blade light ~~illuminating component wherein said blade a tip area is~~
6 ~~illuminated of said tool~~ when said ~~folding knife light tool is opened~~ deployed from said
7 housing;

8 an on feature ~~wherein said illuminating means is turned on~~ providing illumination
9 from said light under all conditions; and providing illumination when manually

10 ~~an on feature wherein said illuminating means is toggled on momentarily; and~~

11 an off feature ~~wherein said illuminating means is off~~ preventing said light from
12 providing illumination under all conditions;

13 ~~wherein said quick release blade~~ mechanism comprises a blade suitable for surgery
14 allowing single handed operation of said folding knife light tool under extreme
15 conditions.

1 28. (Currently Amended) A folding knife light, ~~wherein a power source~~
2 ~~comprises one of a removable cell, a solar chargeable cell, a solar powered cell, and a~~
3 ~~rechargeable power. comprising:~~

4 a tool;

5 a housing encasing said tool while said tool is in an inoperative position and
6 providing a handle for said tool while said tool is in a deployed position;

7 a light mounted on said housing and disposed to illuminate said tool while said
8 tool is in the deployed position;

9 a first electrical switch contained in said handle and activated by movement of said

10 tool to said deployed position; and

11 a mode switch comprised of three modes:

12 an off mode with no electrical power supplied to the first electrical switch wherein
13 said light remains unlit;

14 an on mode wherein said light operates independently of said position; and

15 an on-by-blade mode wherein electrical power is supplied to said first electrical
16 switch and said light is lit when said tool moved into said deployed position.

1 29. (Original) A process of manufacturing a folding tool, comprising:

2 installing a tool to rotate about an axle within a housing encasing said tool while
3 said tool is in an inoperative position and providing a handle while said tool is in a
4 deployed position;

5 mounting an illuminating component on said housing to illuminate said tool while
6 said tool is in said deployed position;

7 installing a mode switch component; and

8 electrically connecting a blade switch component to operationally cooperate with
9 said mode switch component, said housing component, and said illuminating component
10 to operate said illuminating component.